

Homework 3 (10 pts)

You are required to do a case study analysis on the topic of Utility Construction Safety. The case study should be based on the contents discussed in the [guest lecture recording](#). You are required to:

1. Watch the guest lecture from Dr. Nipesh Pradhananga: [Click here to access the recorded video lecture](#)
2. Select one case study that is relevant to our course content from several sources provided below:
 - a. <https://www.ecmweb.com/safety/accidents-investigations>
 - b. <https://wwwn.cdc.gov/NIOSH-FACE/Default.cshtml?state=ALL&Incident Year=ALL&Category2=0006&Submit=Submit>
3. Refer to OSHA safety standards for utility construction:
 - a. Electrical Construction: <https://www.osha.gov/electrical/construction>
 - b. Residential Construction: <https://www.osha.gov/doc/topics/residentialprotection/>
 - c. <https://highperformancehvac.com/osha-safety-rules-hvac/>
 - d. <https://www.achrnews.com/articles/141107-safety-concepts-for-hvac-contractors-and-technicians>
4. Identify what is the situation and detect what issues are at stake.
5. Research several online resources based on the questions you have, what other information you need and what are all the possible options the construction company/contractor might have in that particular situation.
6. Conclude your analysis by playing the role/stepping into the shoes of the project manager of the project you have chosen and elaborate on what alternatives might be available as a decision-maker and what recommendations you can give in regard to **OSHA construction safety standards**.

The case study analysis should be well organized and free from spelling and grammar mistakes. Limit your case study analysis to 2 pages maximum. Students are encouraged to use headings and proper formatting to make it easier for the reader to follow the line of thought. The grading of the assignment will be based on its: technical content, writing style, and organization.

The assignment should be submitted by the deadline on Canvas using a word processing software. Paper and email submissions will not be accepted with no exceptions. The assignment will be tested using the services of Turnitin to **verify the authenticity and originality** of the work submitted as the student's own.